

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,553,470 B2  
APPLICATION NO. : 10/772920  
DATED : June 30, 2009  
INVENTOR(S) : Alfred Stiller and Chong Chen

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, before line 5 and after "METHOD OF CONTROLLING SWELLING AND SHRINKAGE DURING SYNTHESIS OF COKE," insert the following:

--This invention was made with Government support under DOE grant number DE-FC26-02NT41596 awarded by DOE. The Government has certain rights in this invention.--

Signed and Sealed this

Seventeenth Day of November, 2009

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*